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AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0001] with the following new replacement Paragraph [0001]:

[0001] This patent applies to the cross-linking of a thin film layer of 0.3 mm or less uncured Fluoroelastomer, typically comprised of a copolymer of vinylidene fluoride and hexafluoropropylene or terpolymers of vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene, onto a substrate such as EPDM (ethylene-propylene-diene monomer) or Nitrile rubber to improve upon the substrate's physical and chemical resistance properties. This method is especially interesting in applications where temperature or chemical resistance properties of a fluoroelastomer are favored, but the physical properties of a different material are required. A clear example of this is the waste water aeration market, where flexible EPDM membranes having desirable physical properties but lackluster chemical resistance may now be layered with a flexible fluoroelastomer to inhibit substrate material degradation.